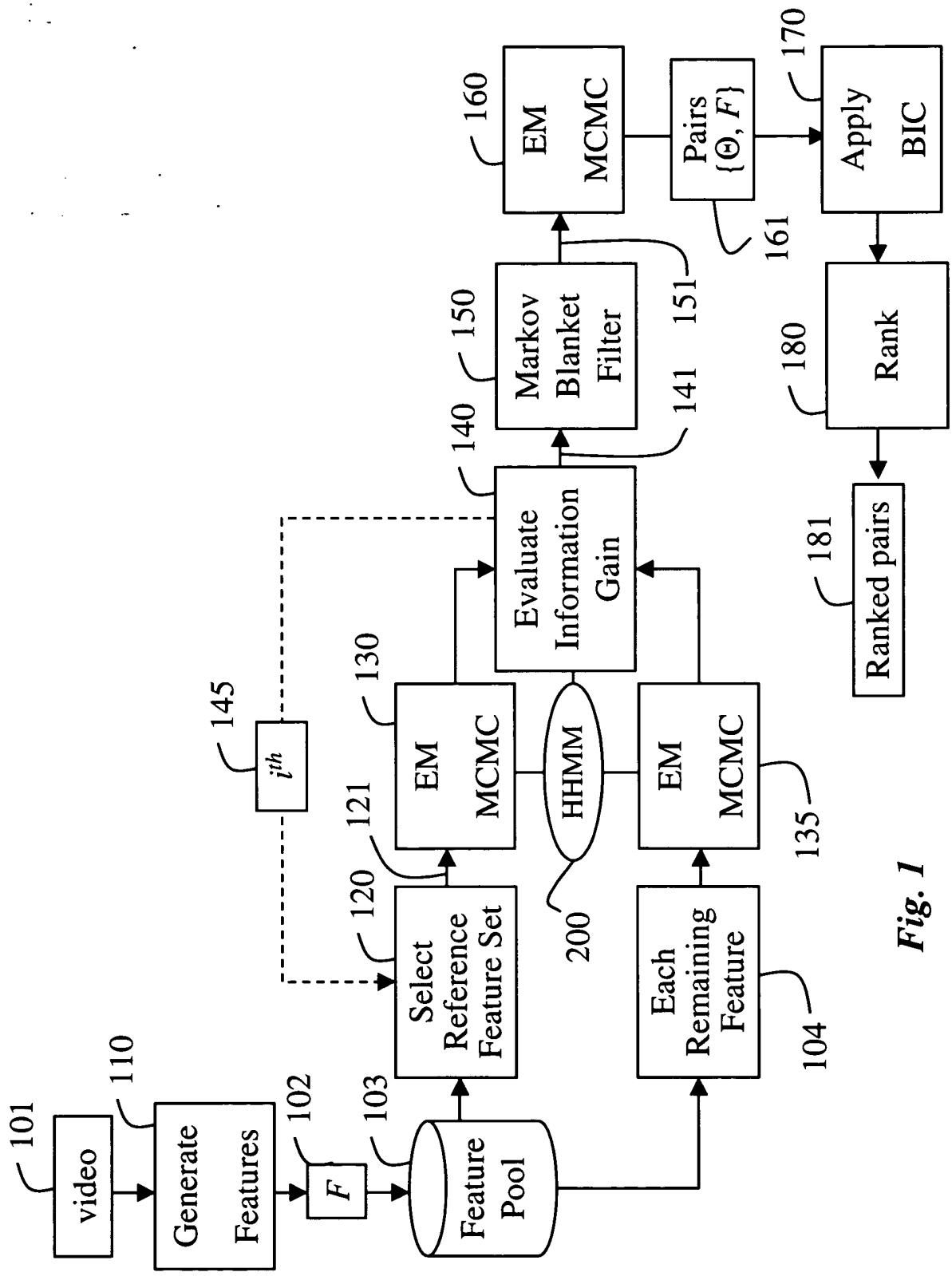
video
101
Generate Features
110
F
102
Feature Pool
103
Select Reference Feature Set
120
Each Remaining Feature
104
i^th
145
EM MCMC
130
121
HHMM
200
EM MCMC
135
Evaluate Information Gain
140
141
Markov Blanket Filter
150
151
EM MCMC
160
Pairs {Θ, F}
161
Apply BIC
170
Rank
180
Ranked pairs
181

Fig. 1

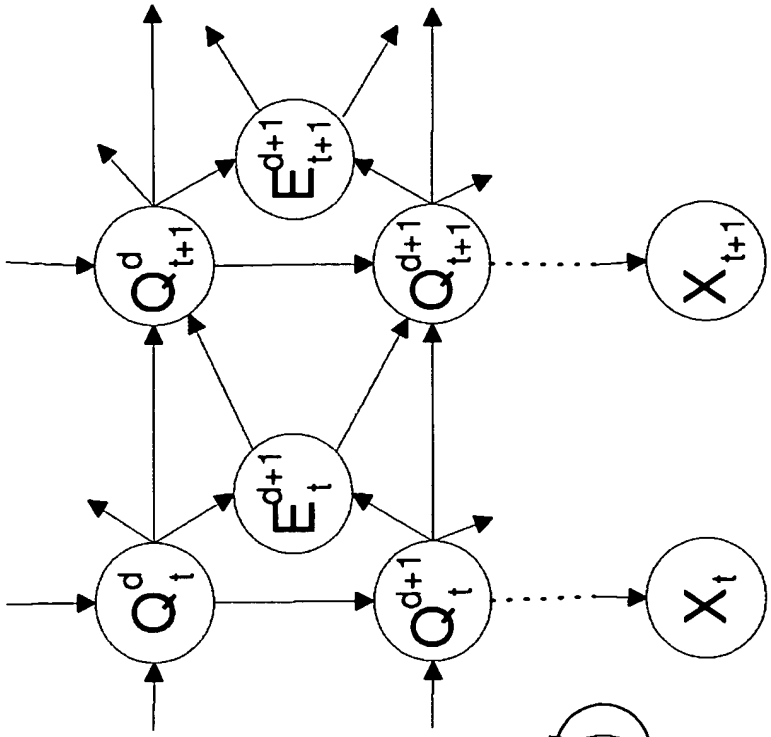
E^{d+1}_{t+1}
Q^{d}_{t+1}
Q^{d+1}_{t+1}
X_{t+1}
E^{d+1}_{t}
Q^{d}_{t}
Q^{d+1}_{t}
X_{t}

Fig. 3

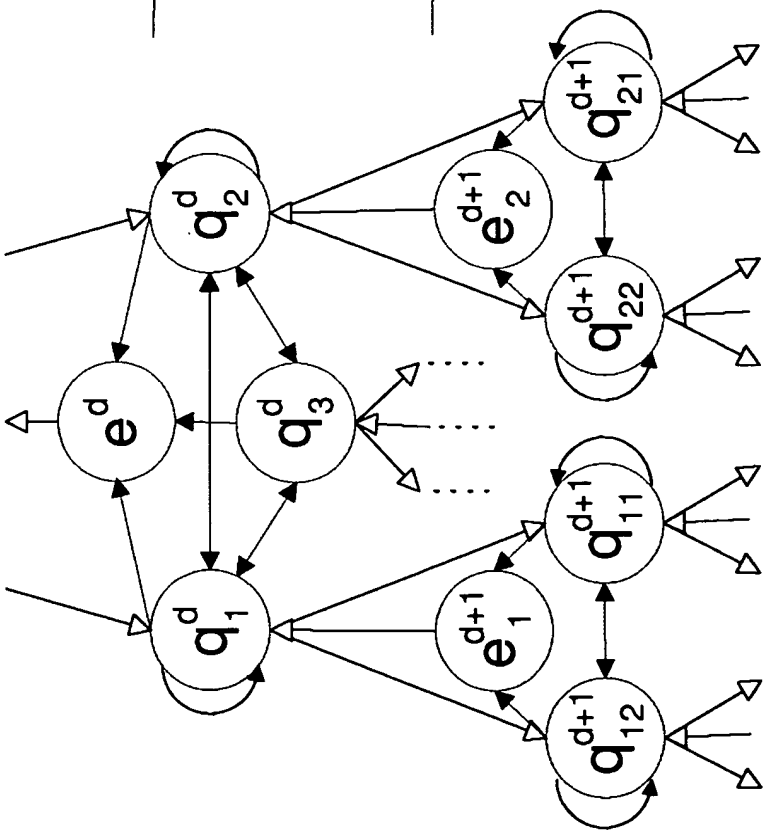
q^{d}_{2}
e^{d+1}_{2}
q^{d+1}_{21}
q^{d+1}_{22}
e^{d}
q^{d}_{3}
q^{d}_{1}
e^{d+1}_{1}
q^{d+1}_{11}
q^{d+1}_{12}

Fig. 2

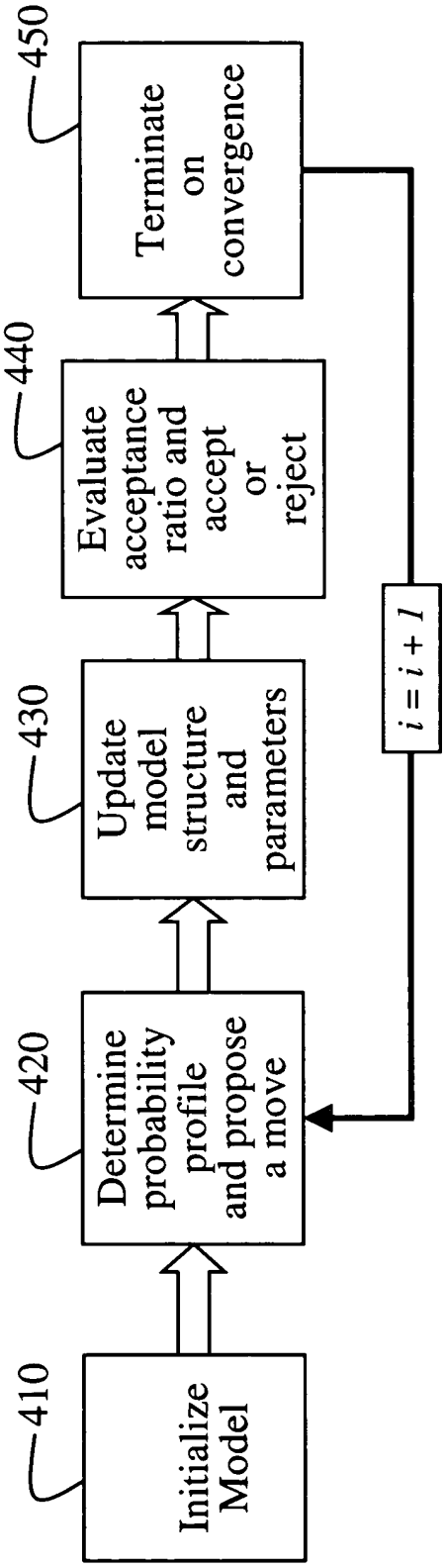
410
Initialize Model
420
Determine probability profile and propose a move
430
Update model structure and parameters
440
Evaluate acceptance ratio and accept or reject
450
Terminate on convergence
i = i + 1

Fig. 4